Fitchburg

166 Boulder Drive, Suite 108 Fitchburg, MA 01420 Phone 978-829-1843 Fax 978-345-9698

Board Members

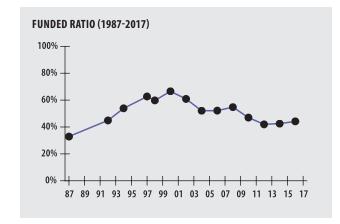
Norman J. LeBlanc (Chairperson), Calvin Brooks, John C. Curran, Thomas A. Dateo, Jr., Ellen M. Jerszyk

Board Administrator

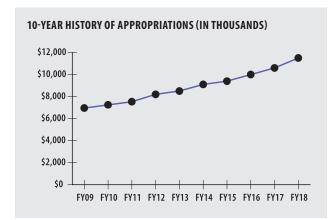
Tina Schneider

Board Meeting

Fourth Tuesday of each month at 10:00 am



INVESTMENT RETURN (2013-2017, 5 YEAR AND 33 YEAR AVERAGES) 16% 14% 10% 8% 4% 2% 0% 13 16 13-17 85-17

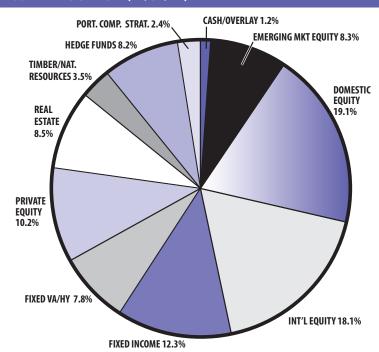


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33 years 2017 7.84%	32 years 2016 7.55%	31 years 2015 7.54%
10 years 2017 5.39%	10 years 2016 4.68%	10 years 2015 5.11%
5 years 2017 9.70%	5 years 2016 8.90%	5 years 2015 7.33%

ACTUARIAL

► Funded Ratio		44.2%
▶ Date of Last Valuation	1/16	
► Actuary	Stone	
► Assumed Rate of Return	7.75%	
► Funding Schedule		Varies Total Increasing
▶ Year Fully Funded		2032
Unfunded Liability	\$131.4 M	
► Total Pension Appropriation (Fiscal 2018)		\$11.5 M
	ACTIVE	RETIRED
Number of Members	648	568
► Total Payroll/Benefit	\$30.7 M	\$14.3 M
Average Salary/Benefit	\$47,300	\$25,100
► Average Age	47	73
► Average Service	12.0 years	NA

ASSET ALLOCATION (12/31/17)



EARNED INCOME OF DISABILITY RETIREES (2016)

> 2017 Between	17 540/
▶ Total Amount of Refund Due	\$0
► Number of Excess Earners	0
Number Who Reported Earnings	9
► Number of Disability Retirees	61

▶ 2017 Return	17.54%
▶ 2017 Market Value	\$120.6 M
▶ 2013-2017 (Annualized)	9.70%
▶ 1985-2017 (Annualized)	7.84%

INVESTMENT RETURN HISTORY